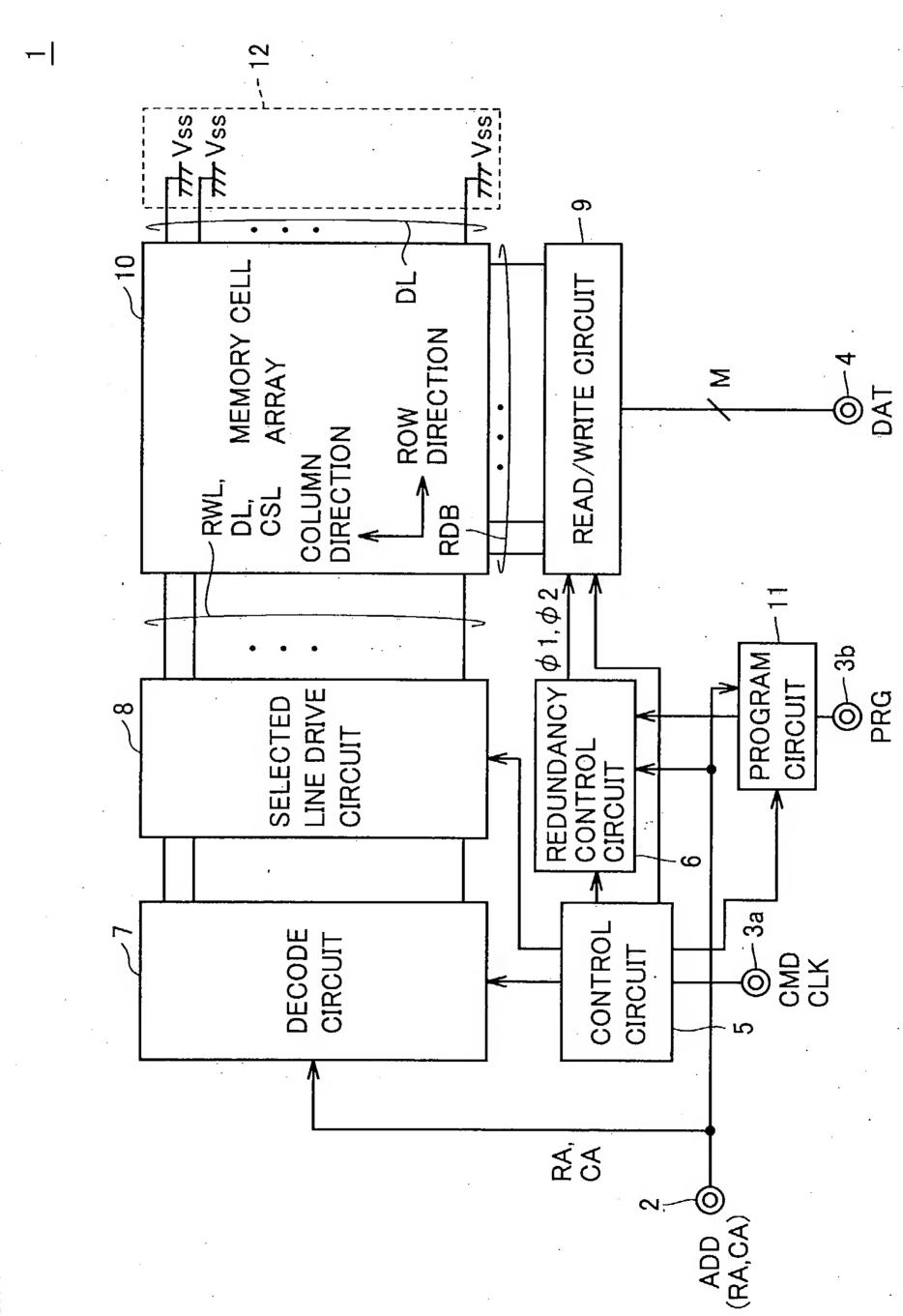
HIGH SPEED READING WHILE REALIZING...
INVENTOR(s): HIDETO HIDAKA
ATTORNEY DOCKET NO: 009683-471

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TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

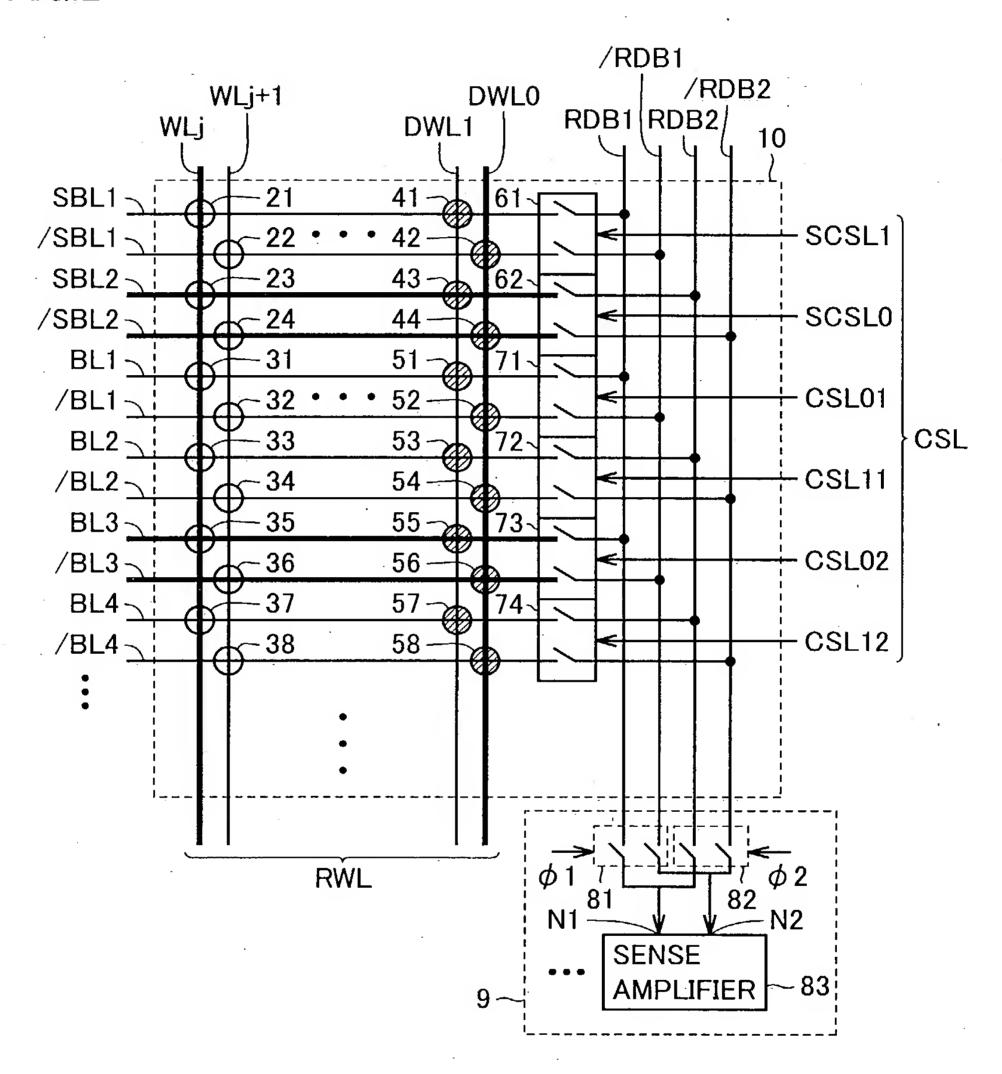
HIGH SPEED READING WHILE REALIZING...

Inventor(s): Hideto HIDAKA

ATTORNEY DOCKET No: 009683-471

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FIG.2



HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA ATTORNEY DOCKET NO: 009683-471

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FIG.3

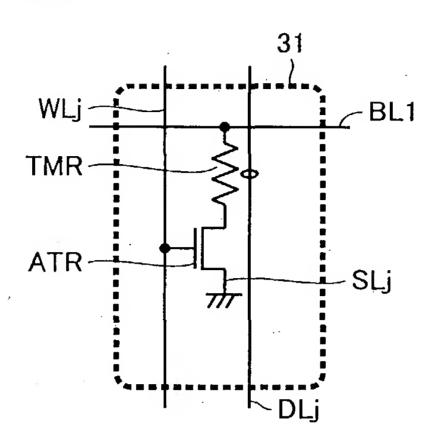
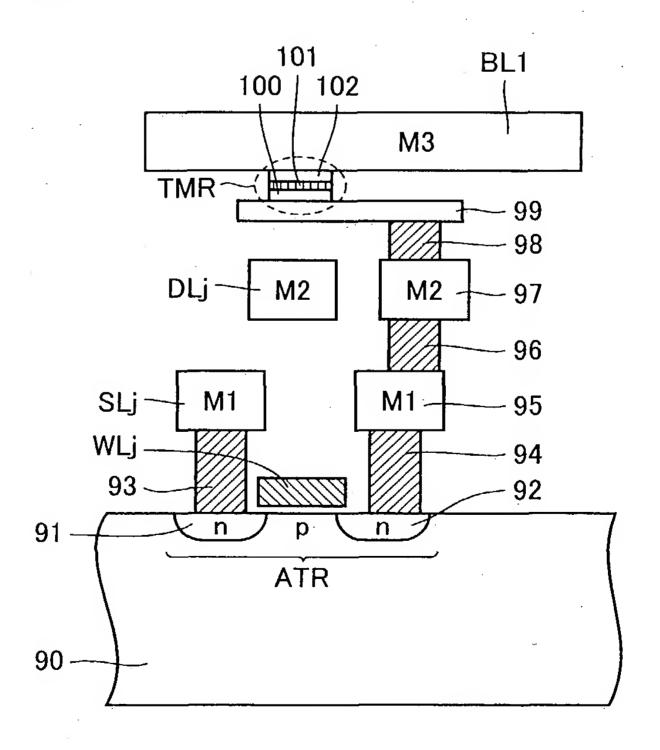


FIG.4



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

Inventor(s): Hideto HIDAKA Attorney Docket No: 009683-471

FIG.5

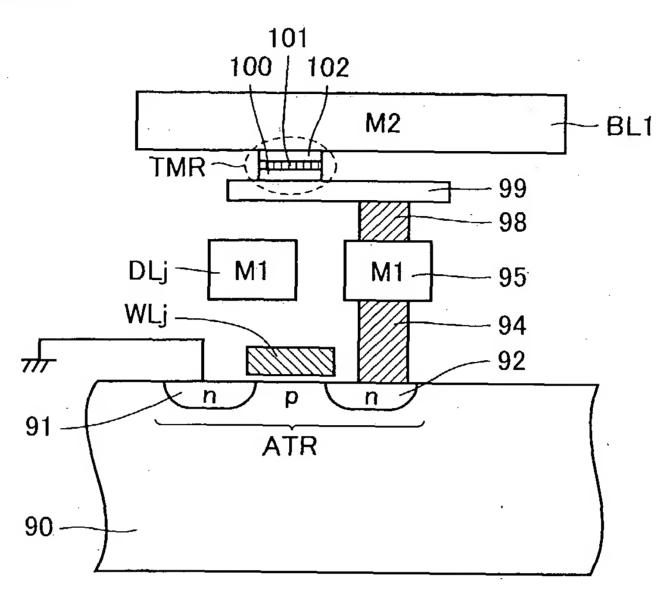
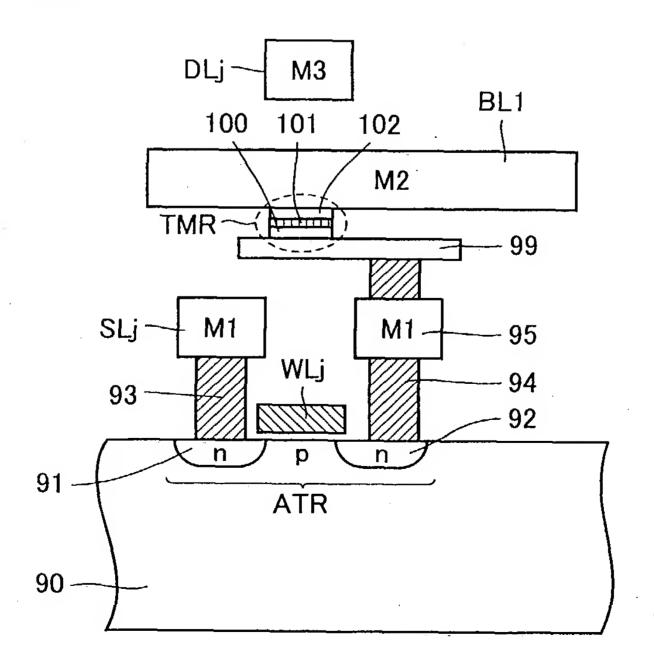


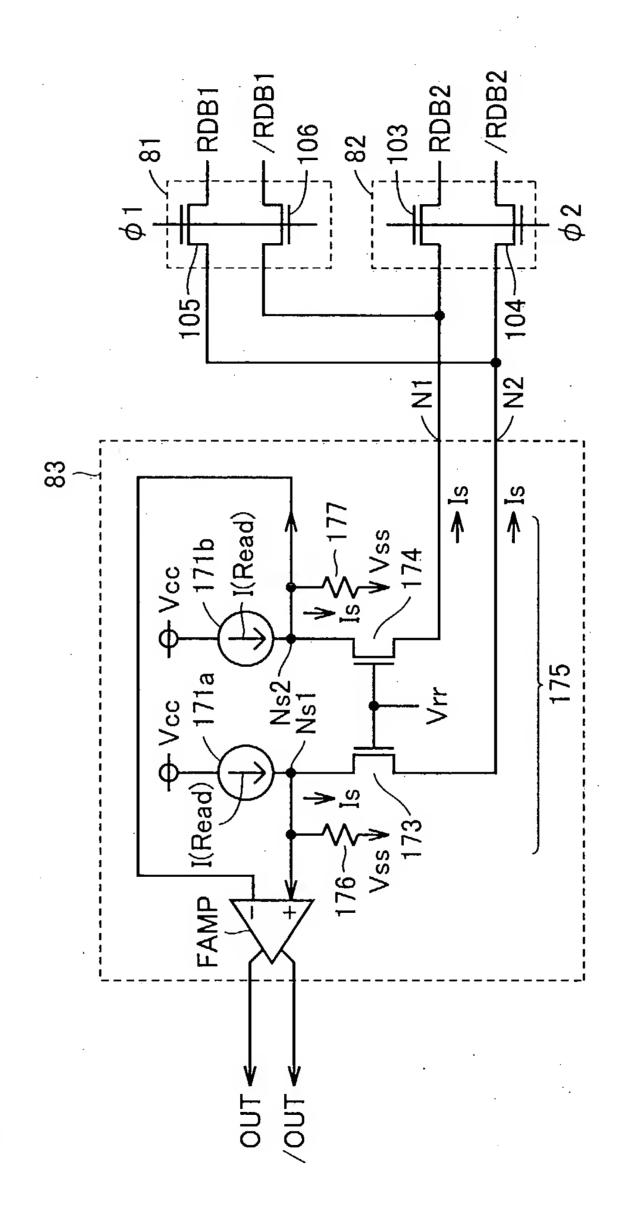
FIG.6



HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA ATTORNEY DOCKET NO: 009683-471

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TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

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HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET NO: 009683-471

SPARE/NORMAL	φ 1:NORMAL SELECTION φ 2:SPARE SELECTION	φ 1:SPARE SELECTION φ 2:NORMAL SELECTION	
COLUMN USED DATA BUS SPARE/NORMAL	RDB2, /RDB2	RDB1, /RDB1	
SELECT SPARE	SCSL0	SCSL1	
USED DATA BUS	RDB1, /RDB1	RDB2, /RDB2	
SELECTED	CSL01 CSL02	CSL11 CSL12	

FIG. 8

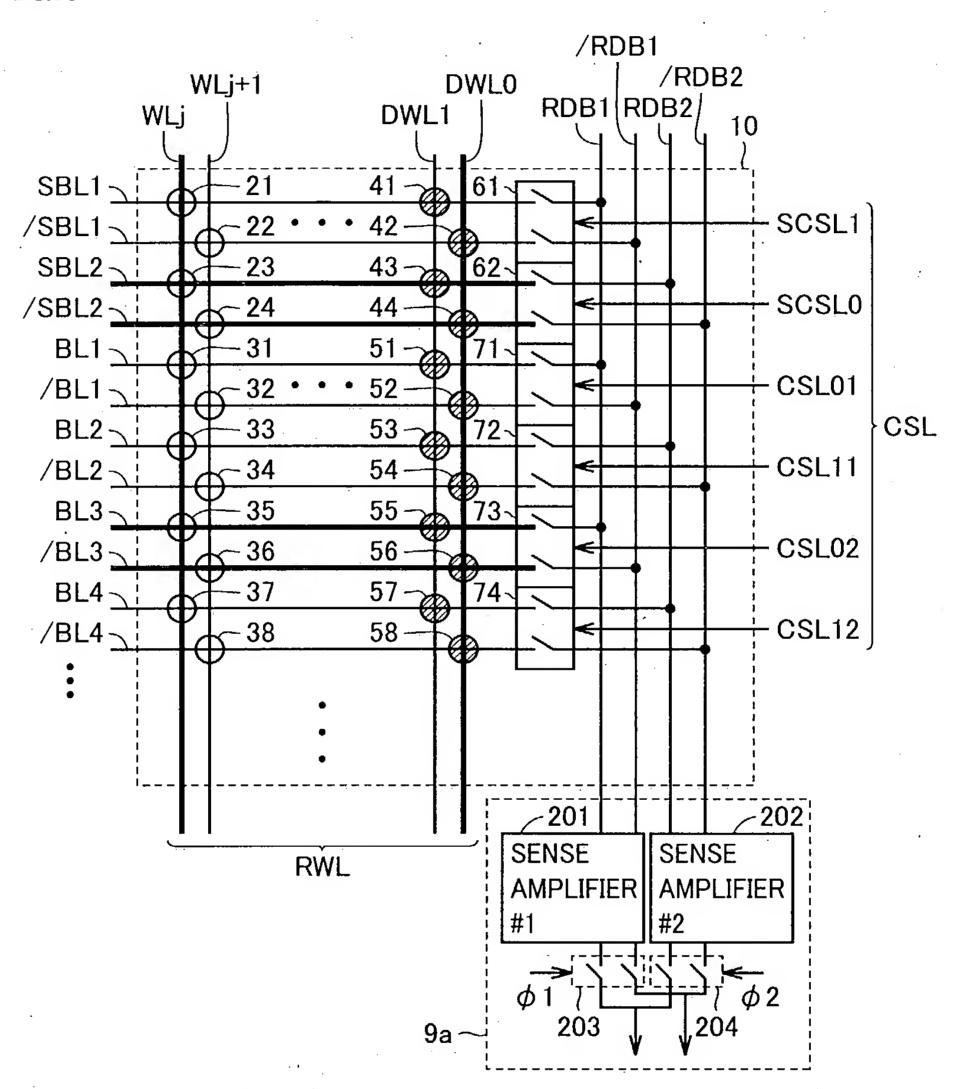
TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA ATTORNEY DOCKET NO: 009683-471

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FIG.9



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

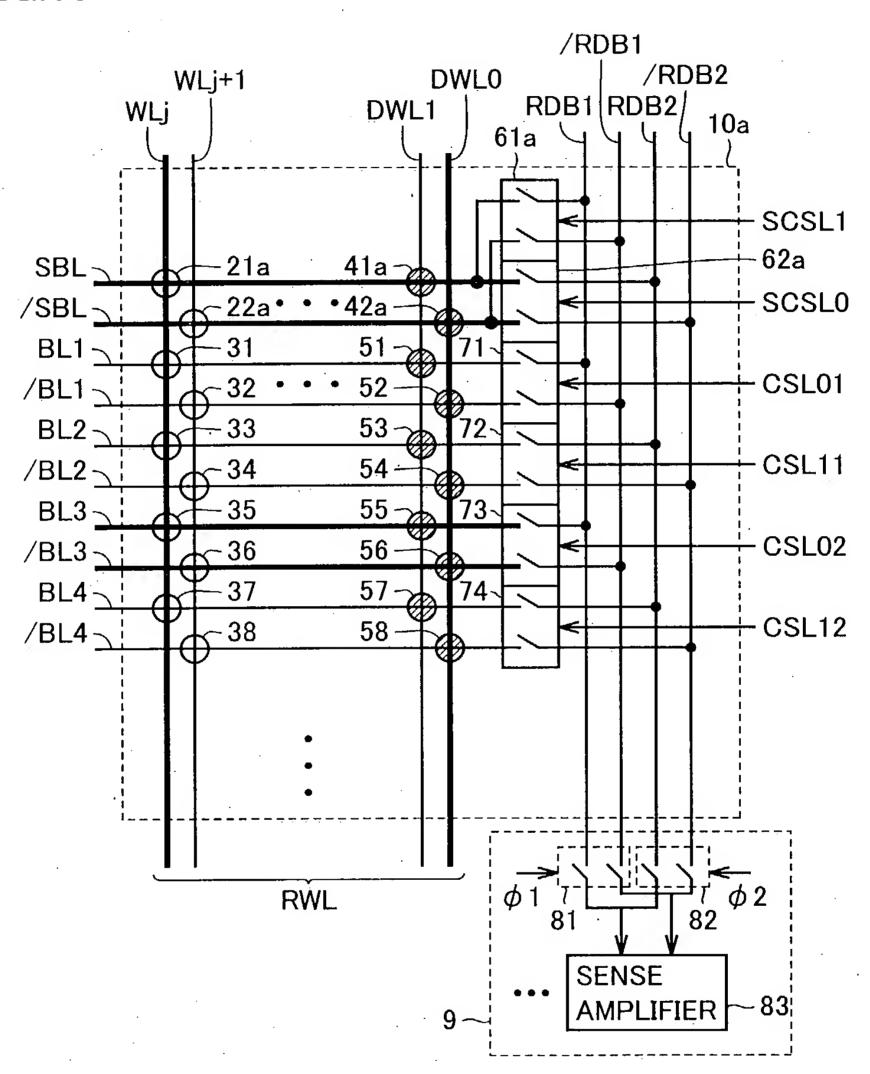
HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471

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FIG.10



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

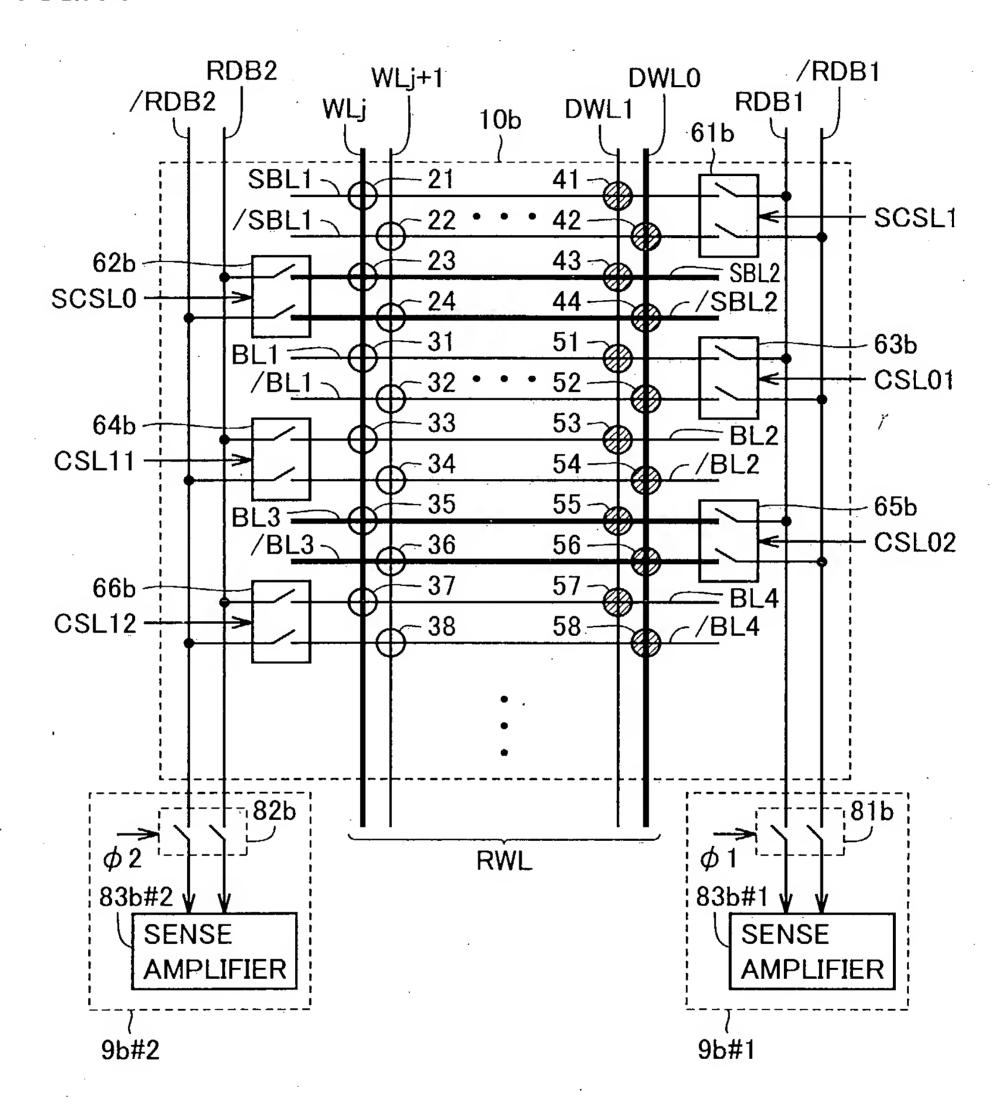
HIGH SPEED READING WHILE REALIZING...

Inventor(s): Hideto HIDAKA

ATTORNEY DOCKET NO: 009683-471

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FIG.11



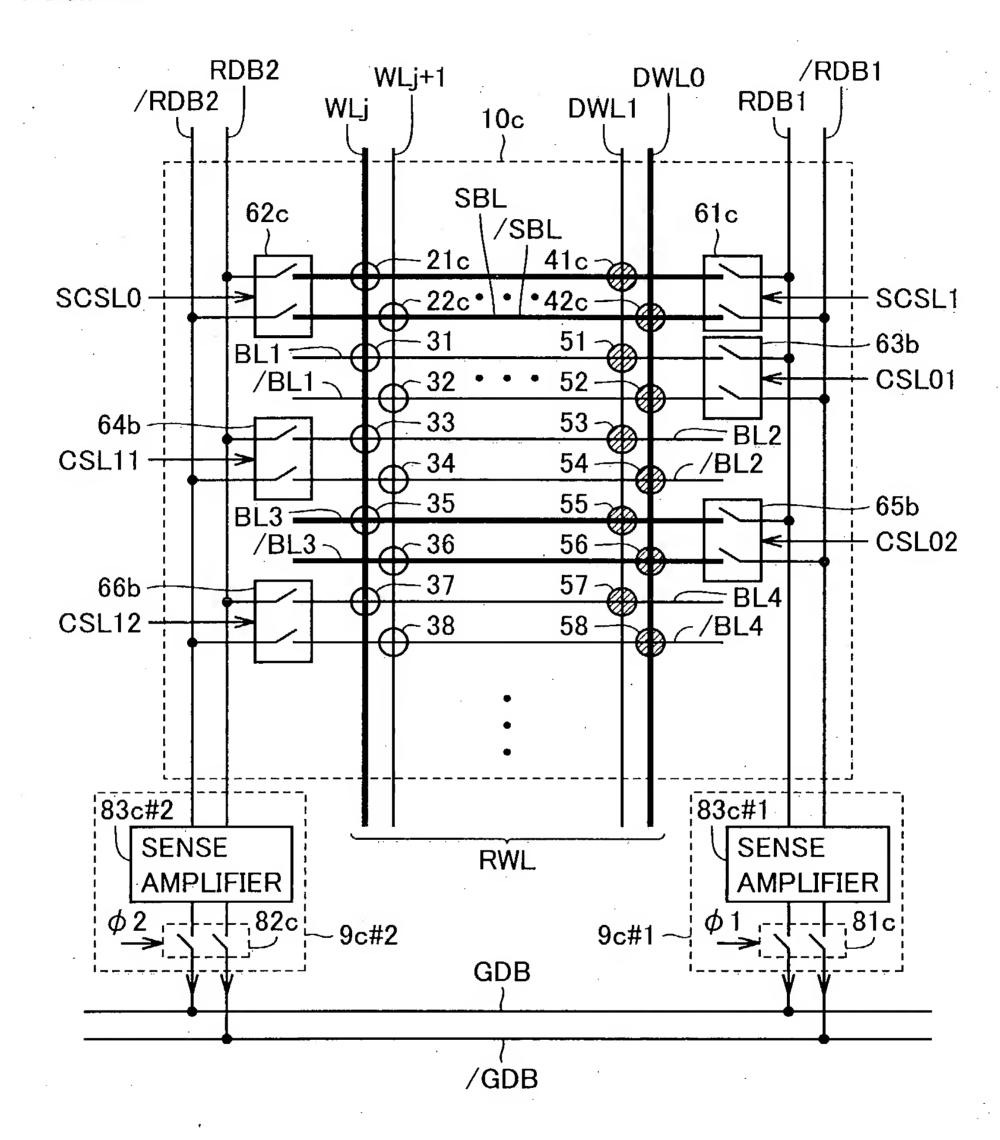
TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET NO: 009683-471 SHEET 10 of 34

FIG.12



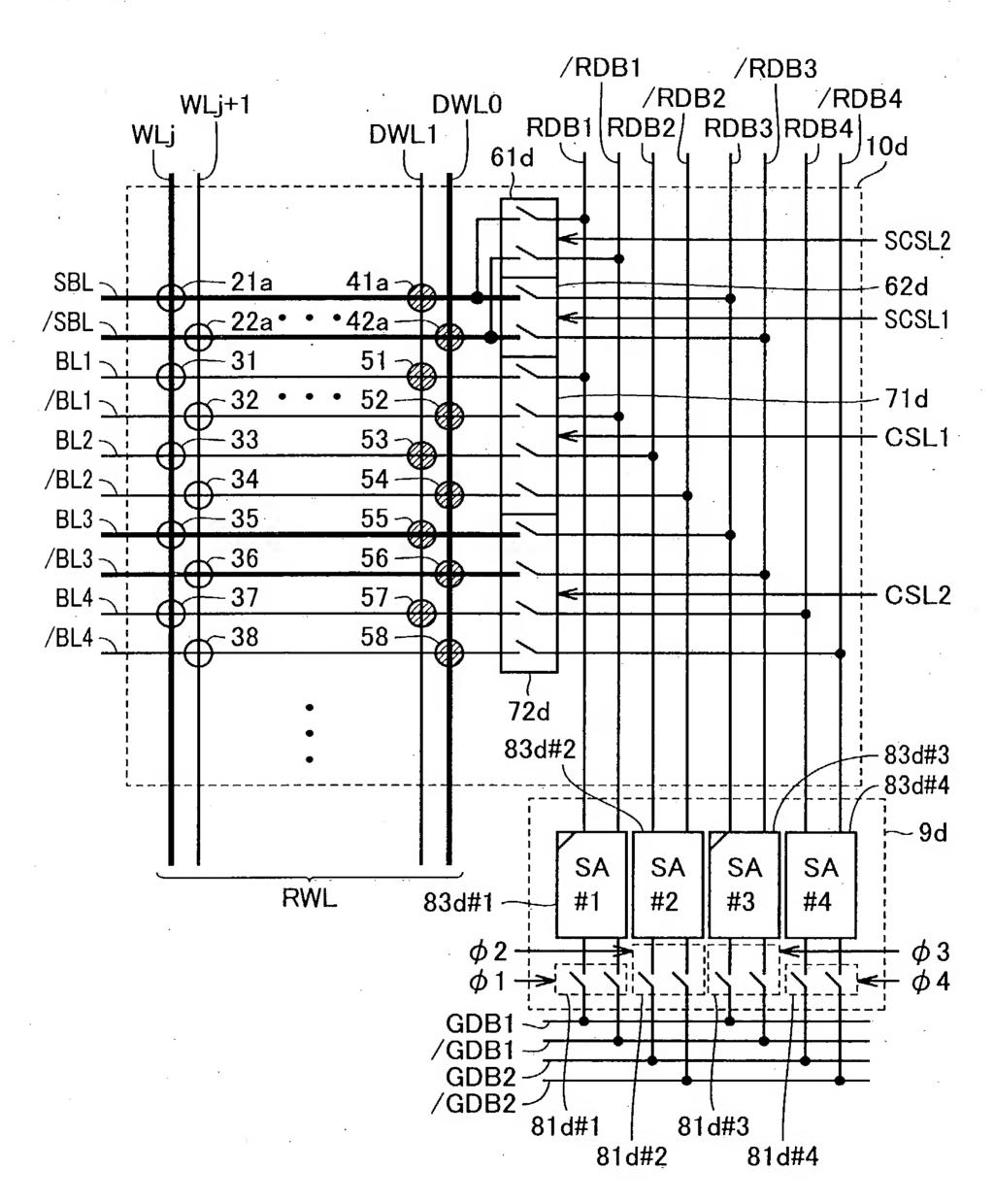
TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA ATTORNEY DOCKET NO: 009683-471

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FIG.13



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

Inventor(s): Hideto HIDAKA

ATTORNEY DOCKET No: 009683-471

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·			
SPARE/NORMAL	ϕ 1+ ϕ 2: NORMAL SELECTION ϕ 3+ ϕ 2: SPARE SELECTION	ϕ 3+ ϕ 4: NORMAL SELECTION ϕ 1+ ϕ 4: SPARE SELECTION	
USED DATA BUS	RDB3,/RDB3	RDB1,/RDB1	
SELECTED SPARE COLUMN	SCSL1	SCSL2	
USED DATA BUS	RDB1,/RDB1 RDB2,/RDB2	RDB3,/RDB3 RDB4,/RDB4	
SELECTED	CSL1	CSL2	

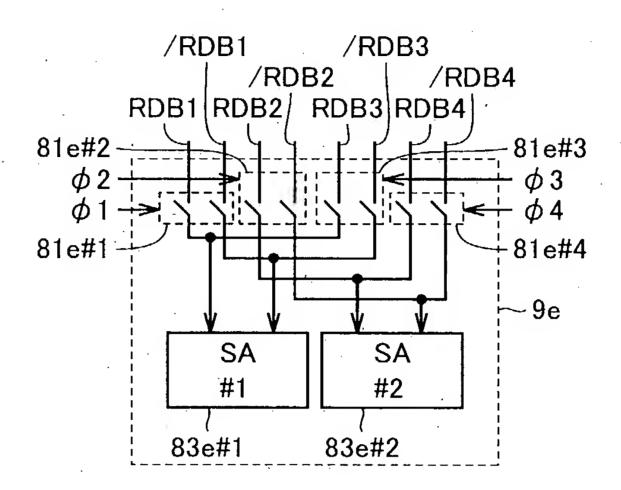
TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(s): HIDETO HIDAKA
ATTORNEY DOCKET NO: 009683-471

SHEET 13 of 34

FIG.15



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

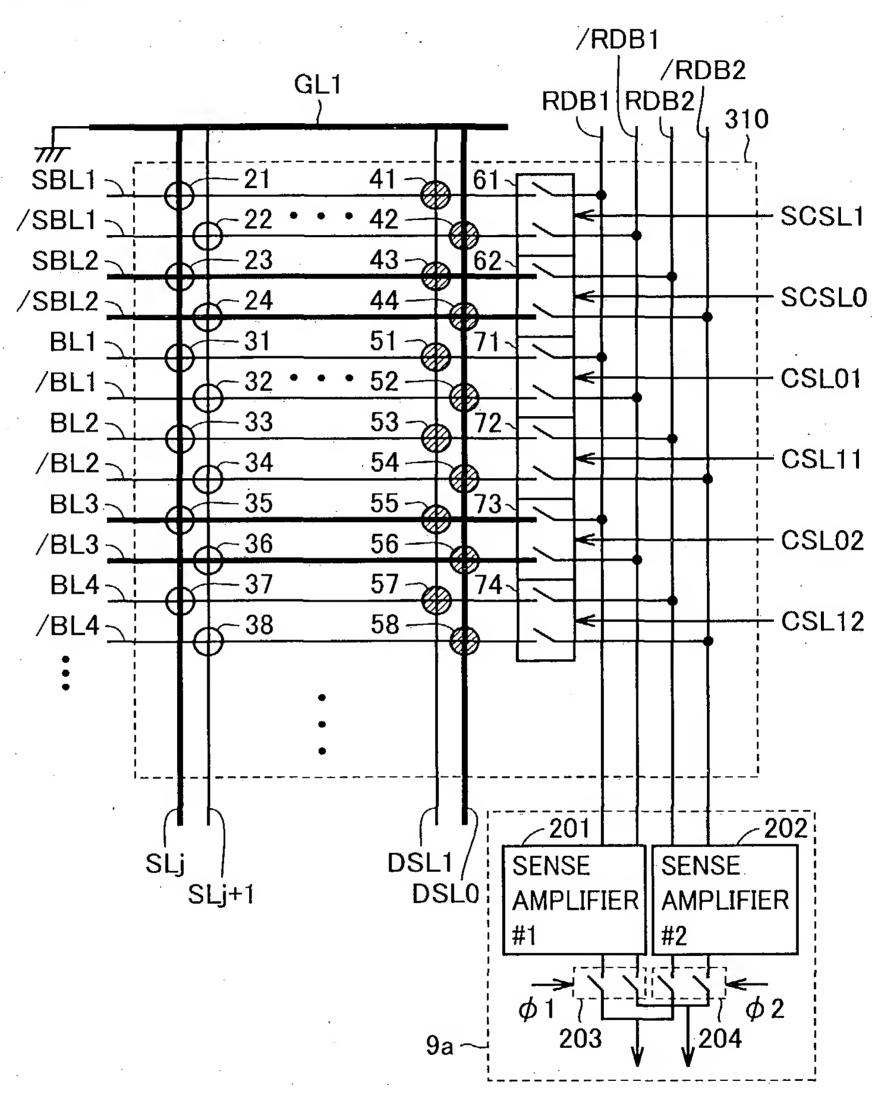
SHEET 14 of 34

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471

FIG.16



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

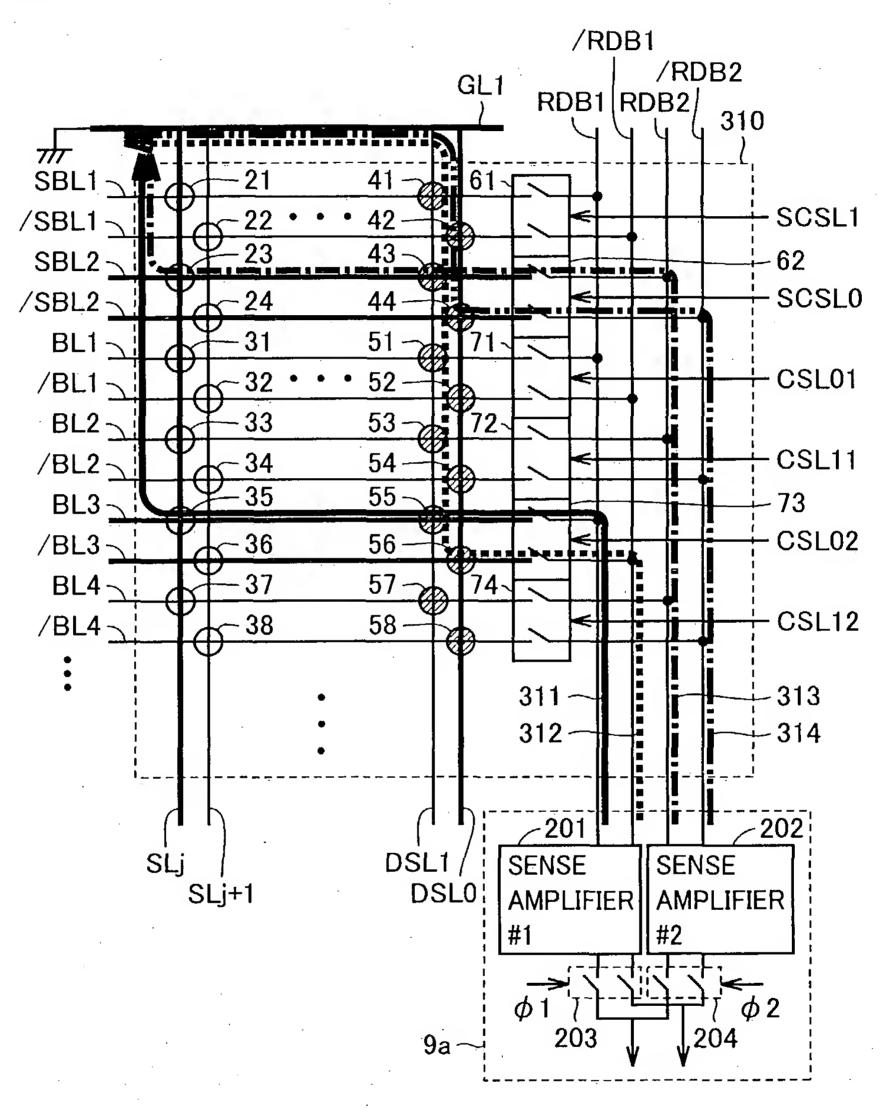
HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471

SHEET 15 of 34

FIG.17



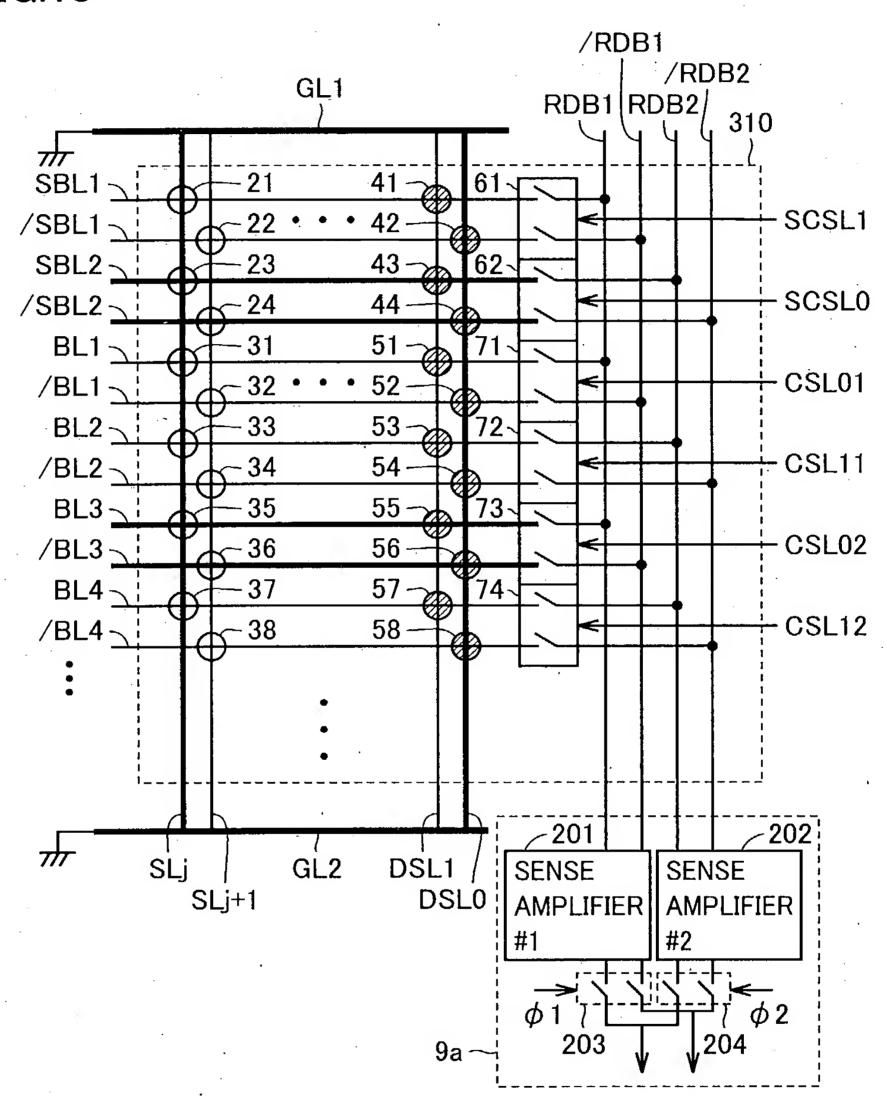
TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA ATTORNEY DOCKET NO: 009683-471

SHEET 16 of 34

FIG.18



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

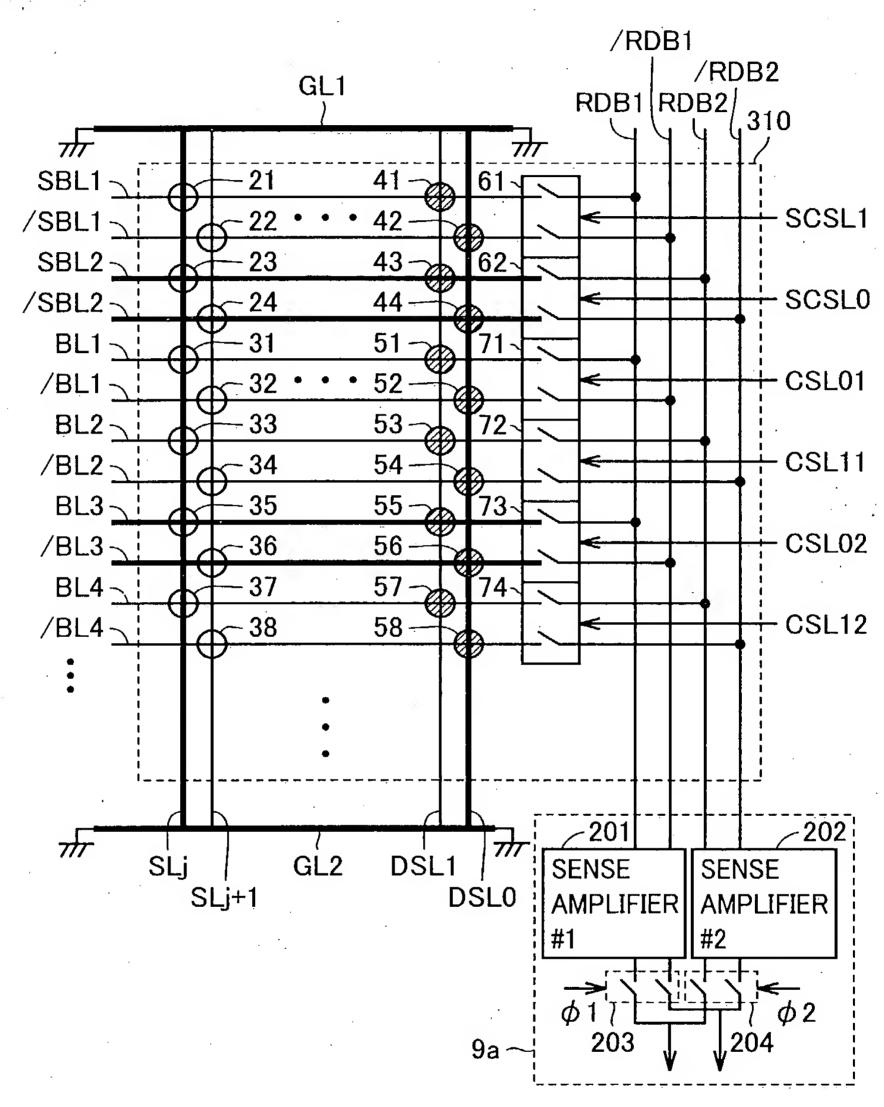
HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471

SHEET 17 of 34

FIG.19



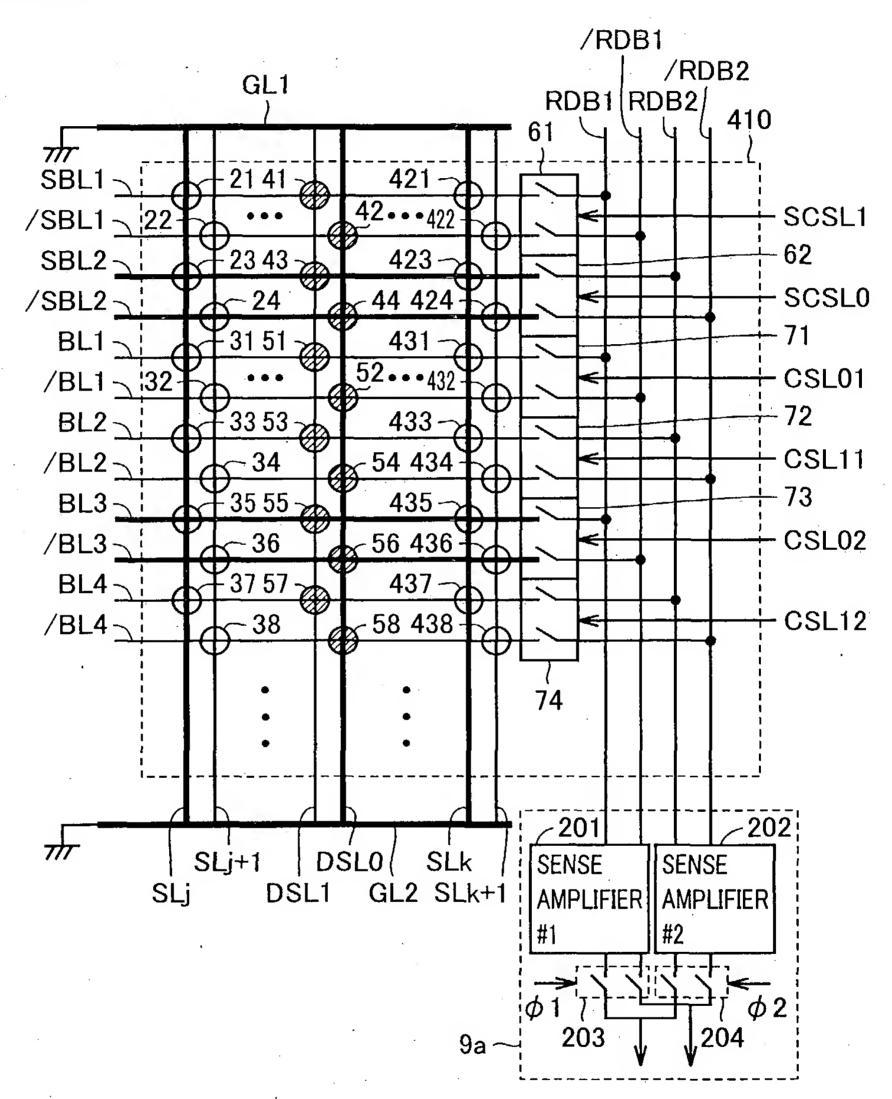
TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA ATTORNEY DOCKET NO: 009683-471

SHEET 18 of 34

FIG.20



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

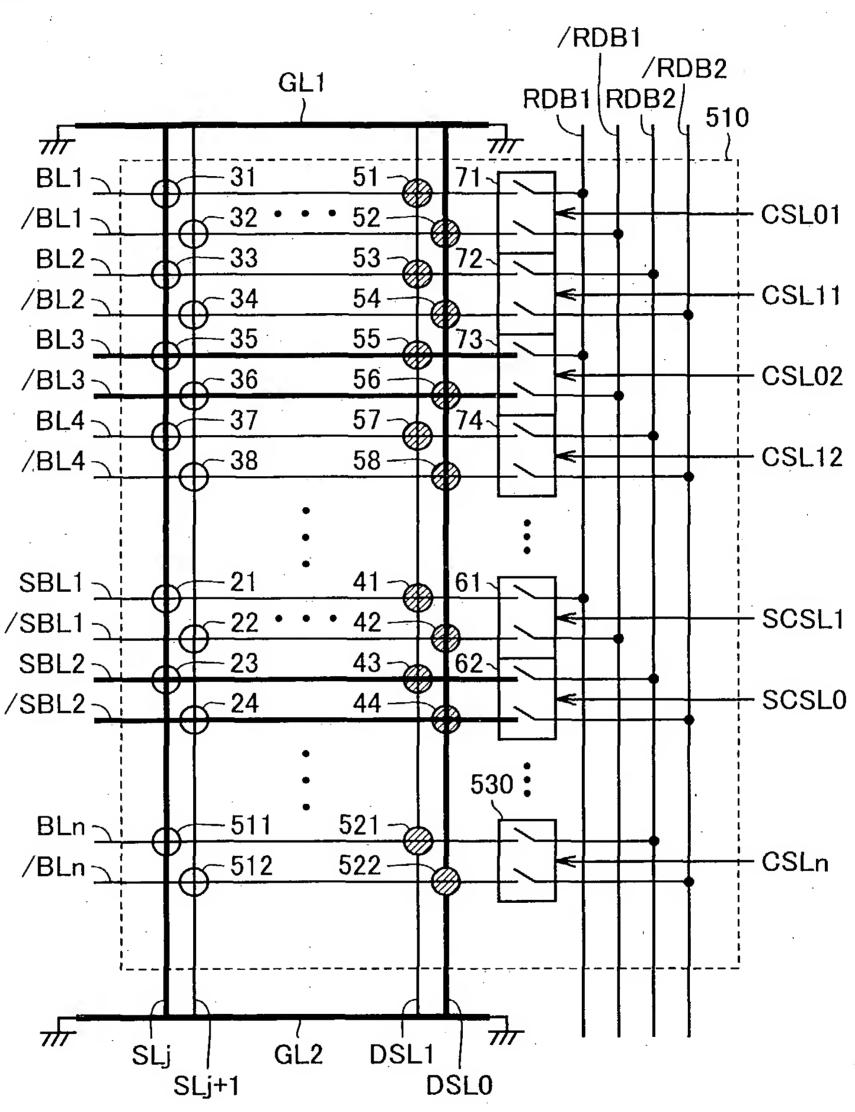
HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET NO: 009683-471

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FIG.21

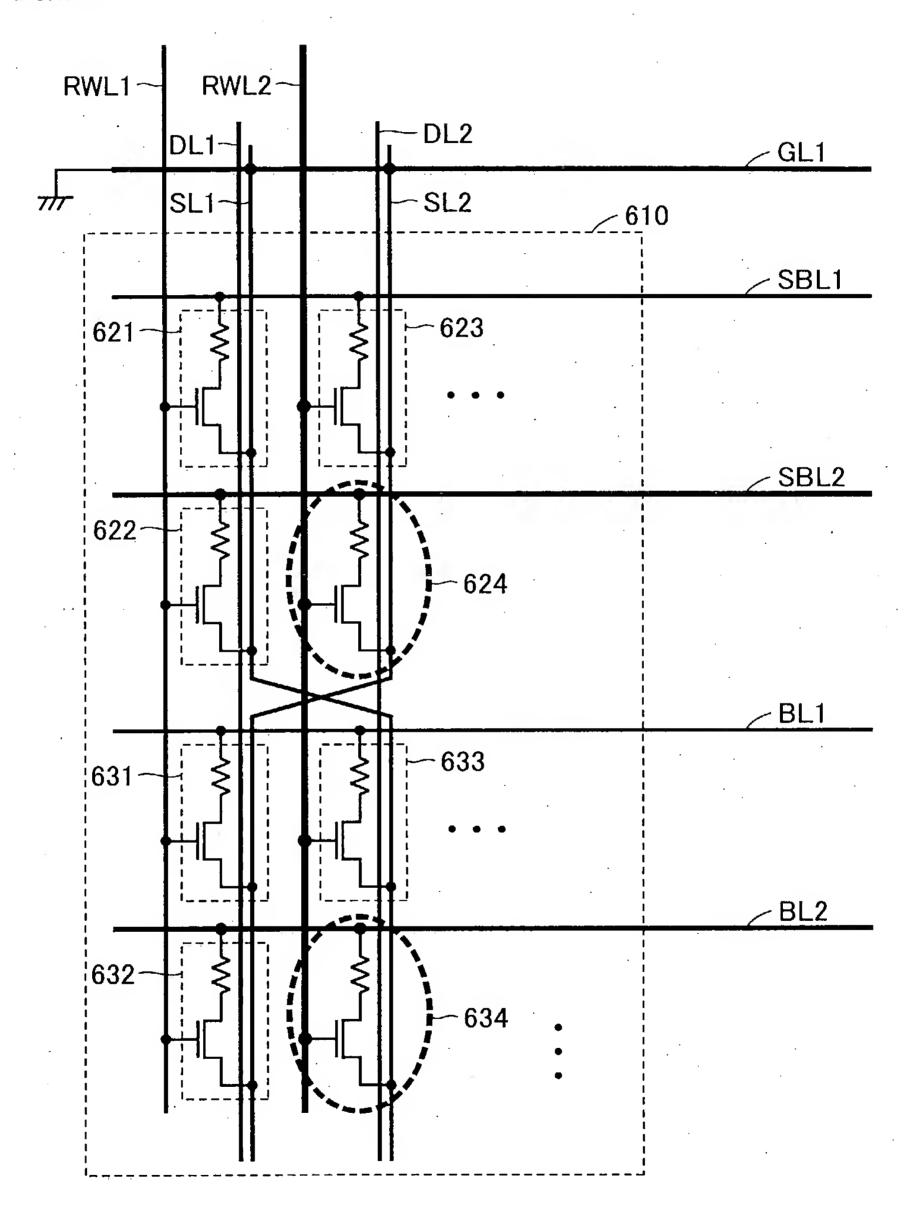


HIGH SPEED READING WHILE REALIZING...

INVENTOR(s): HIDETO HIDAKA
ATTORNEY DOCKET NO: 009683-471

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FIG.22

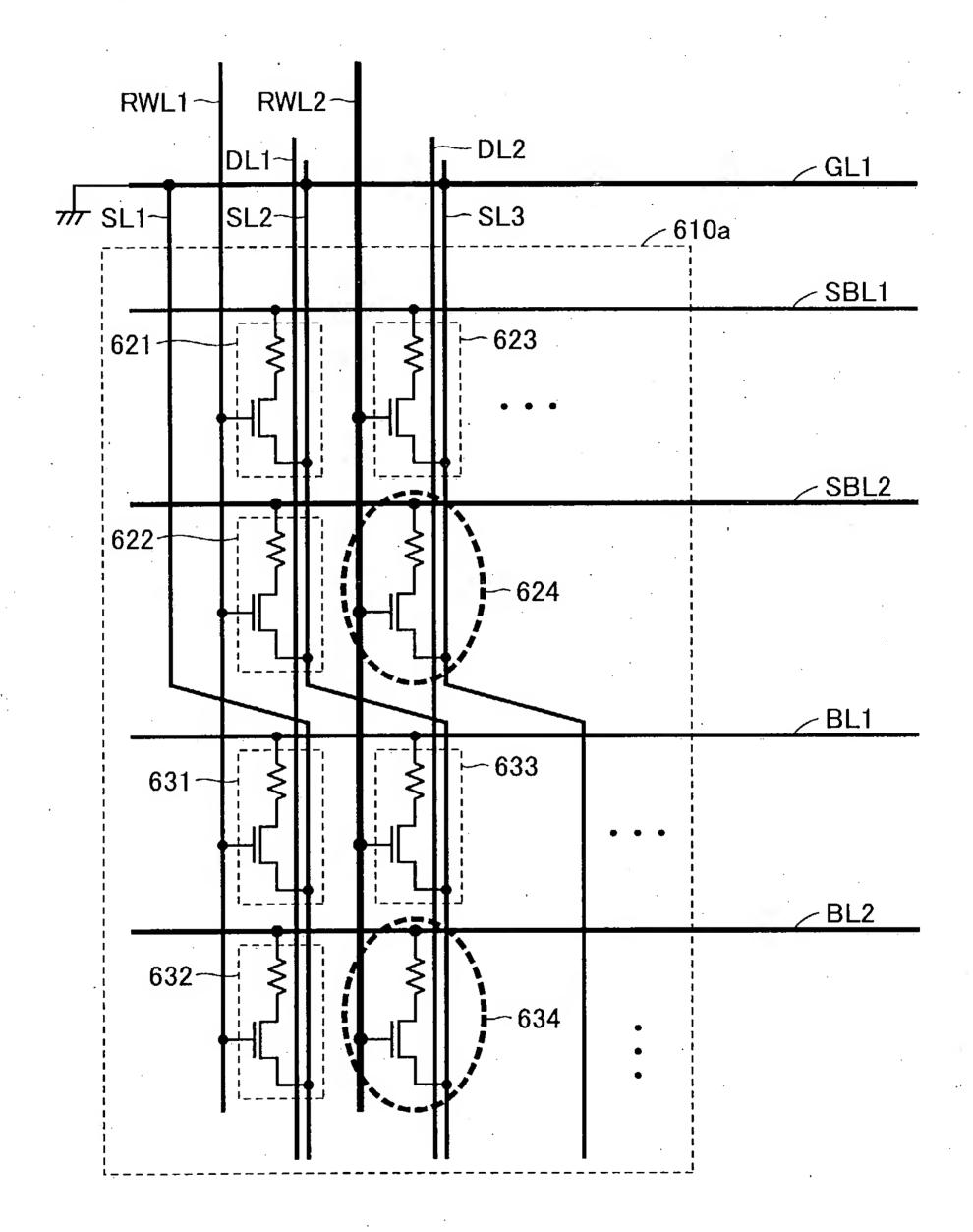


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HIGH SPEED READING WHILE REALIZING...

INVENTOR(s): HIDETO HIDAKA ATTORNEY DOCKET NO: 009683-471

FIG.23



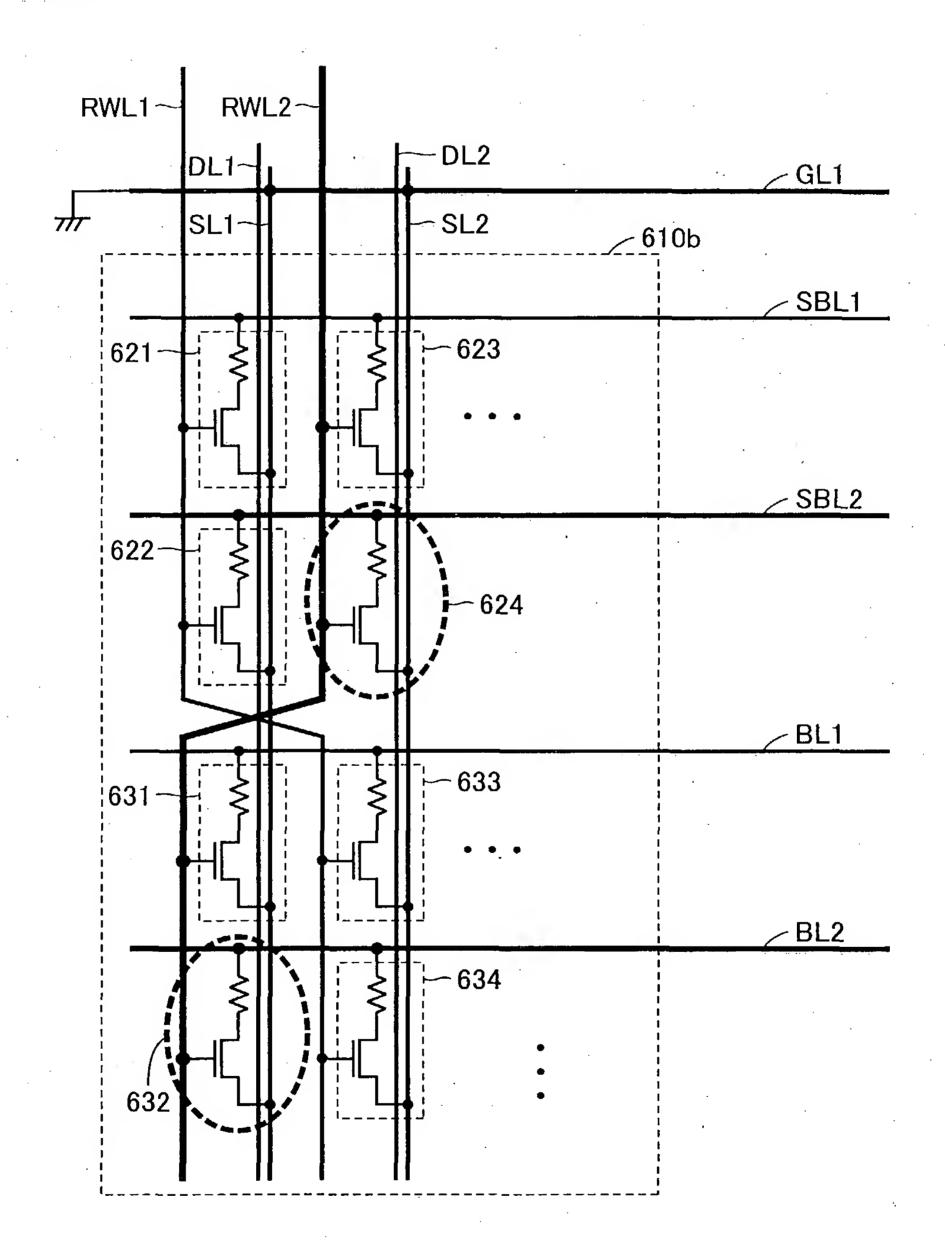
TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

Inventor(s): Hideto HIDAKA Attorney Docket No: 009683-471

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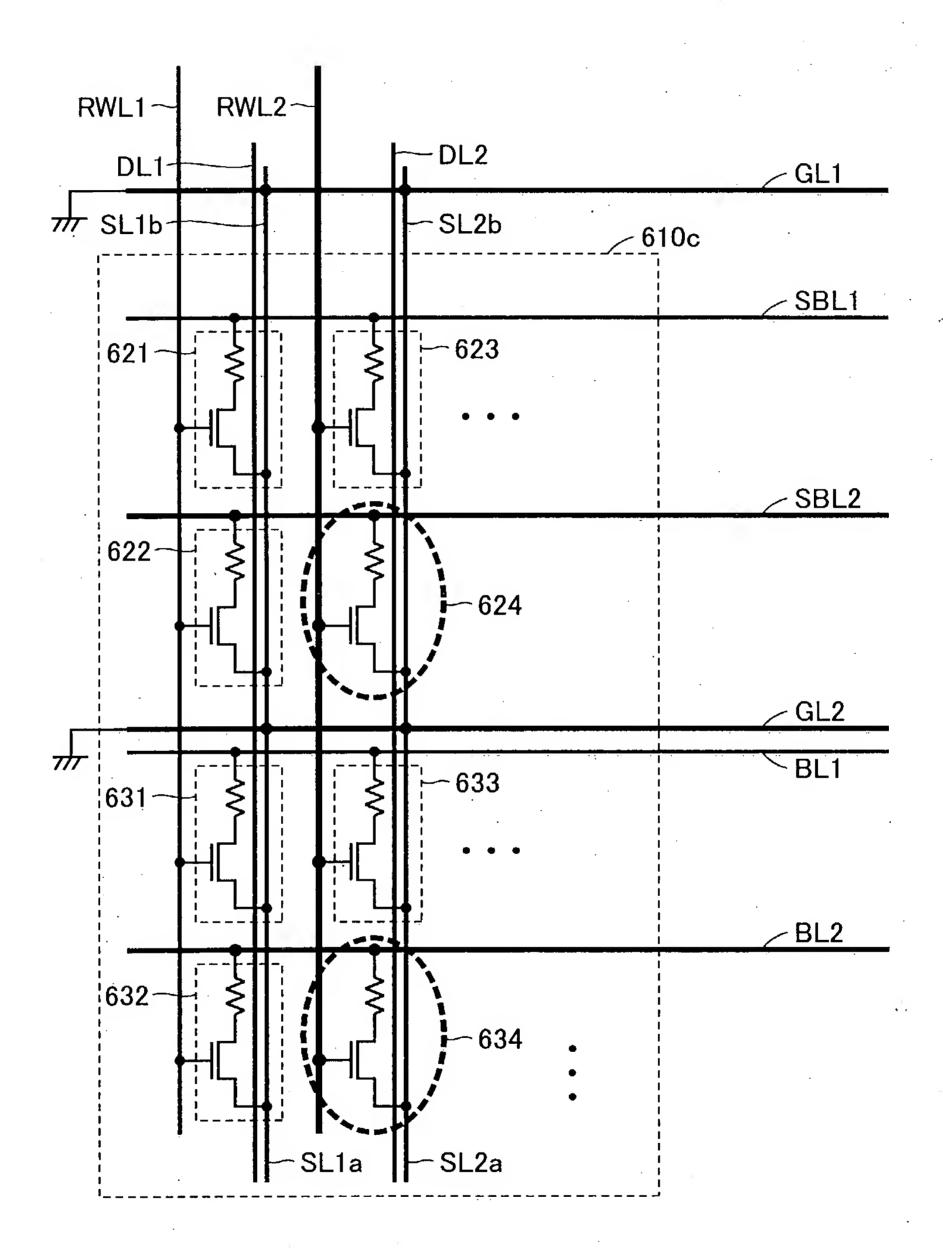
FIG.24



HIGH SPEED READING WHILE REALIZING...

Inventor(s): Hideto HIDAKA Attorney Docket No: 009683-471 **SHEET 23 of 34**

FIG.25

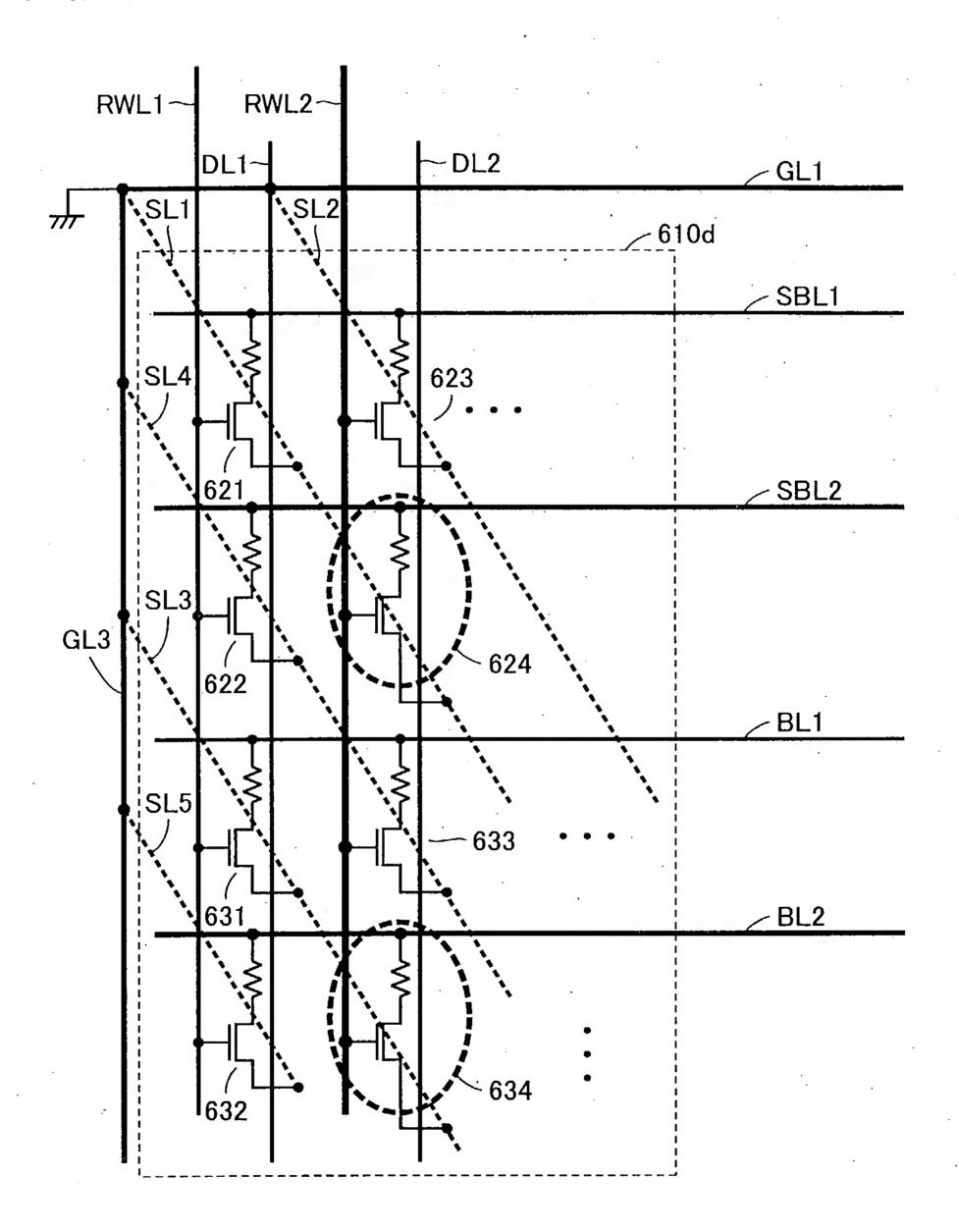


HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471 **SHEET 24 of 34**

FIG.26

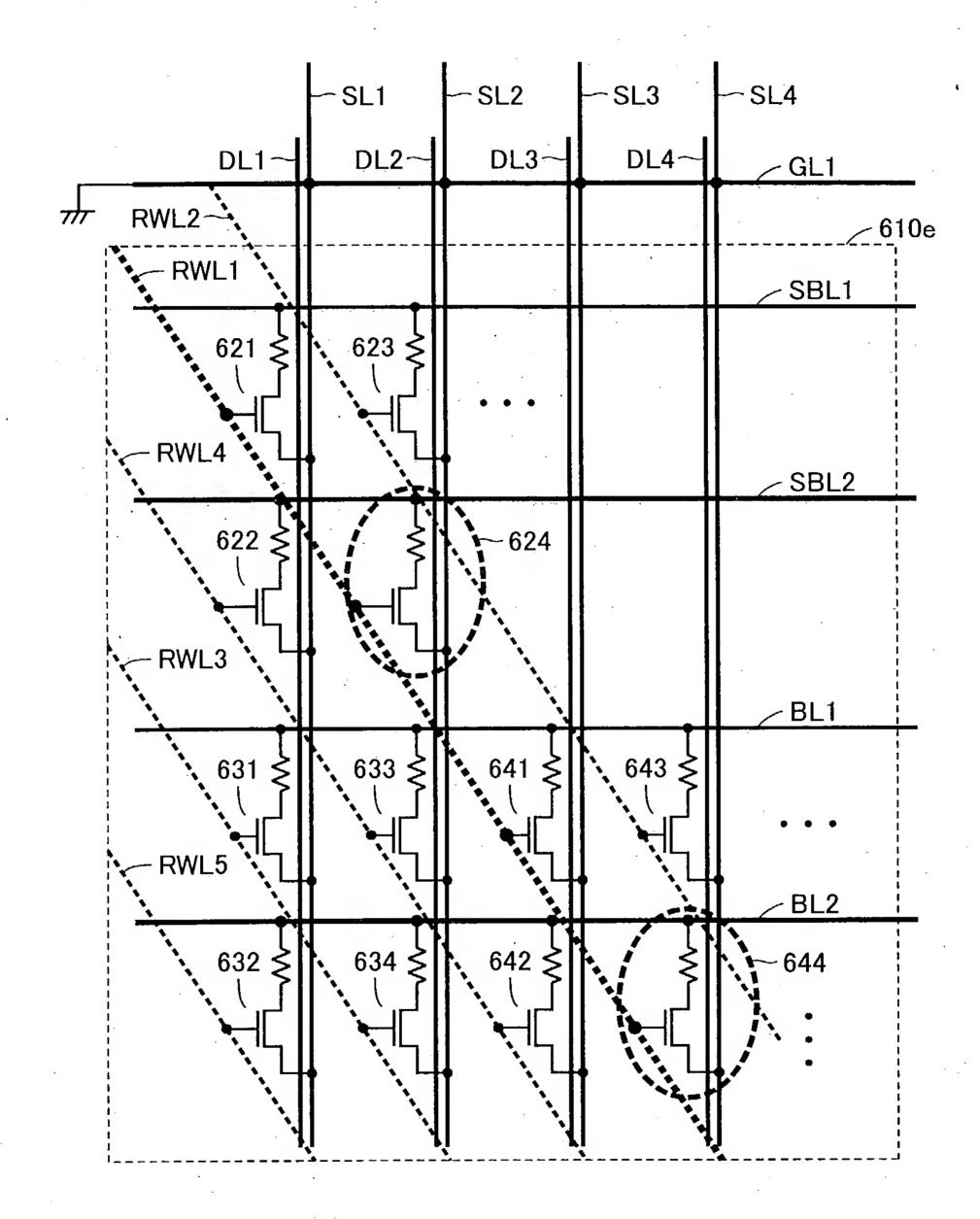


HIGH SPEED READING WHILE REALIZING...

Inventor(s): Hideto HIDAKA Attorney Docket No: 009683-471

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FIG.27



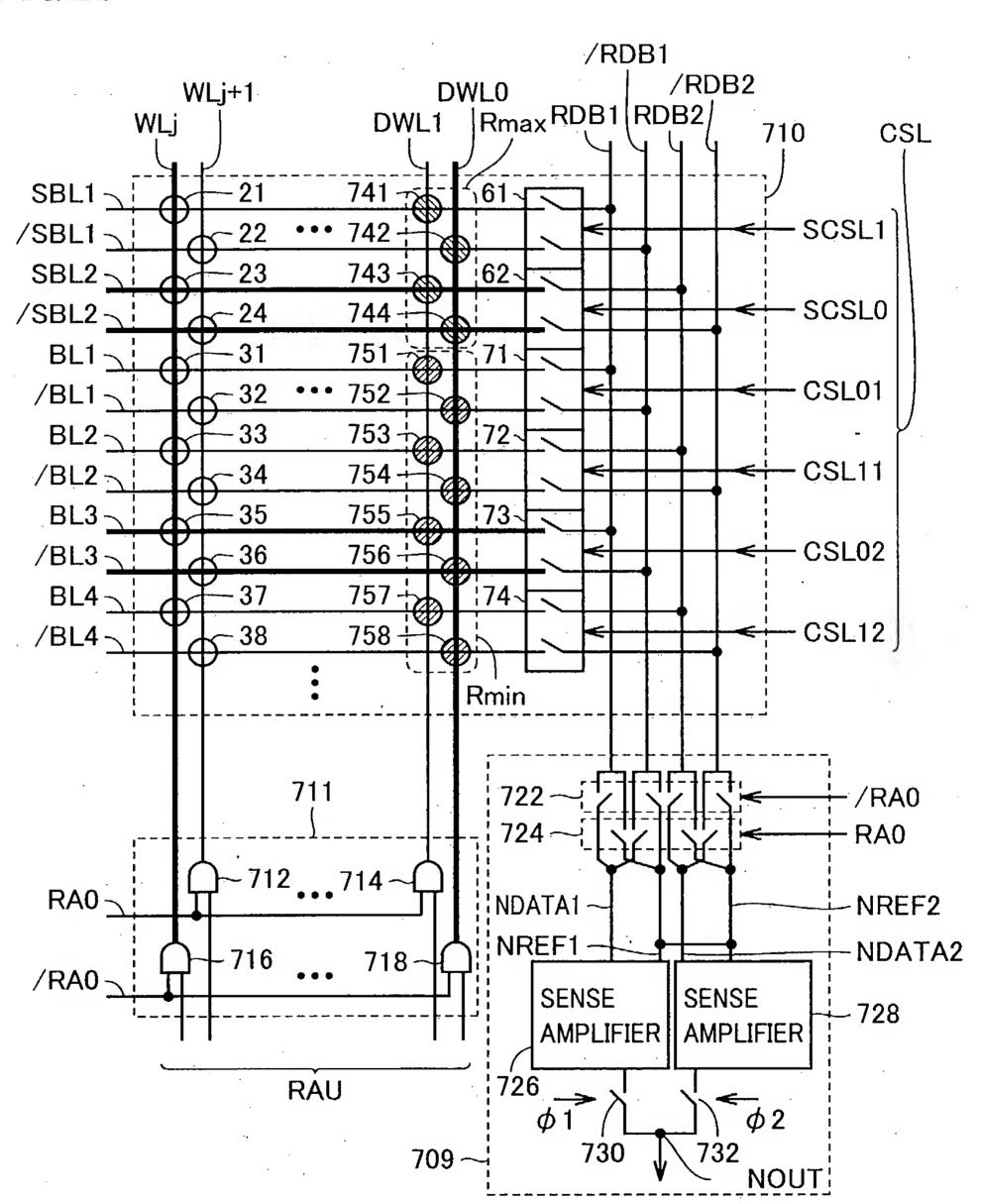
TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

Inventor(s): Hideto HIDAKA Attorney Docket No: 009683-471

SHEET 26 of 34

FIG.28



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA ATTORNEY DOCKET NO: 009683-471

SHEET 27 of 34

FIG.29

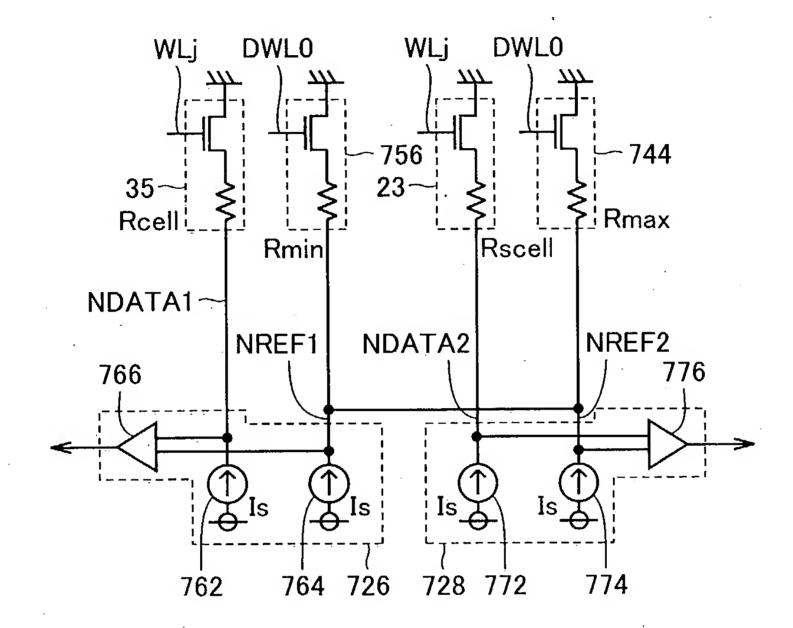
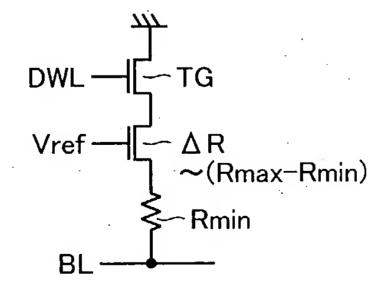


FIG.30



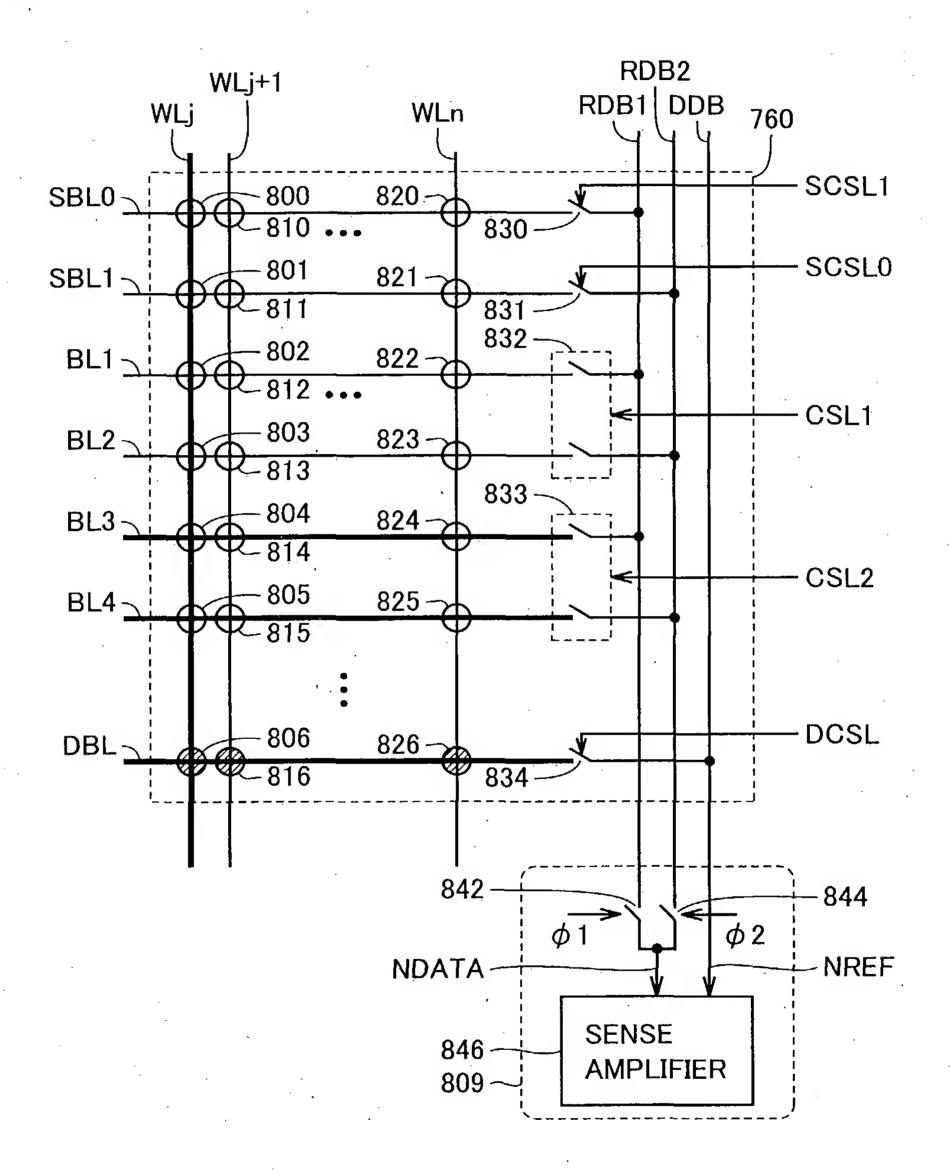
TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET NO: 009683-471 SHEET 28 of 34

FIG.31



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

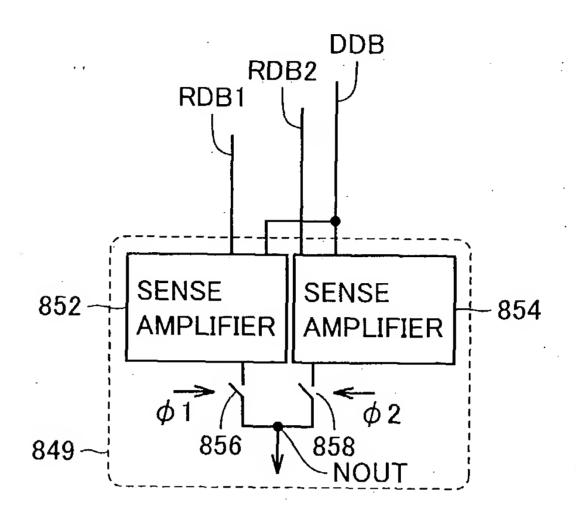
HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471

SHEET 29 of 34

FIG.32



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

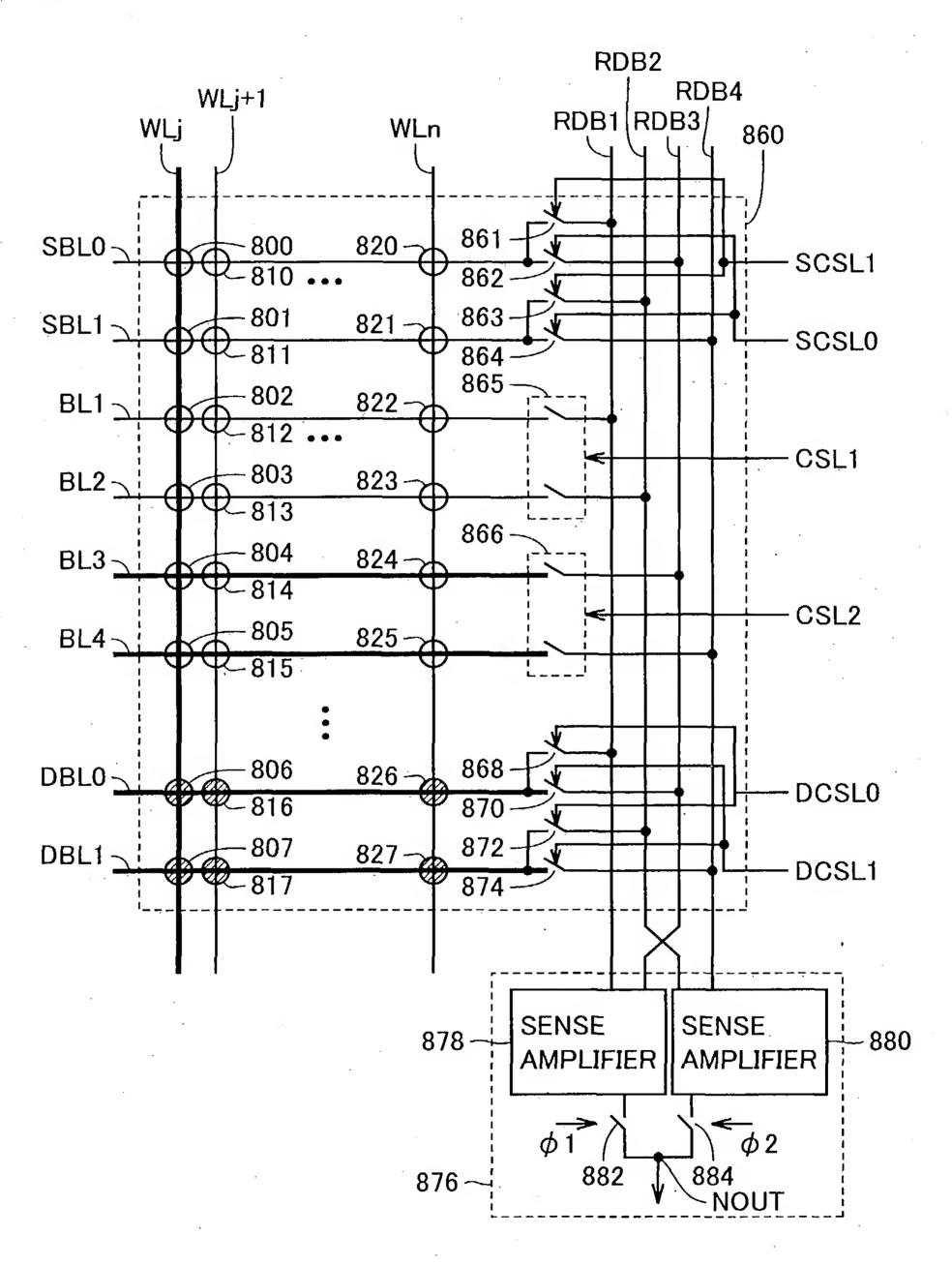
SHEET 30 of 34

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471

FIG.33

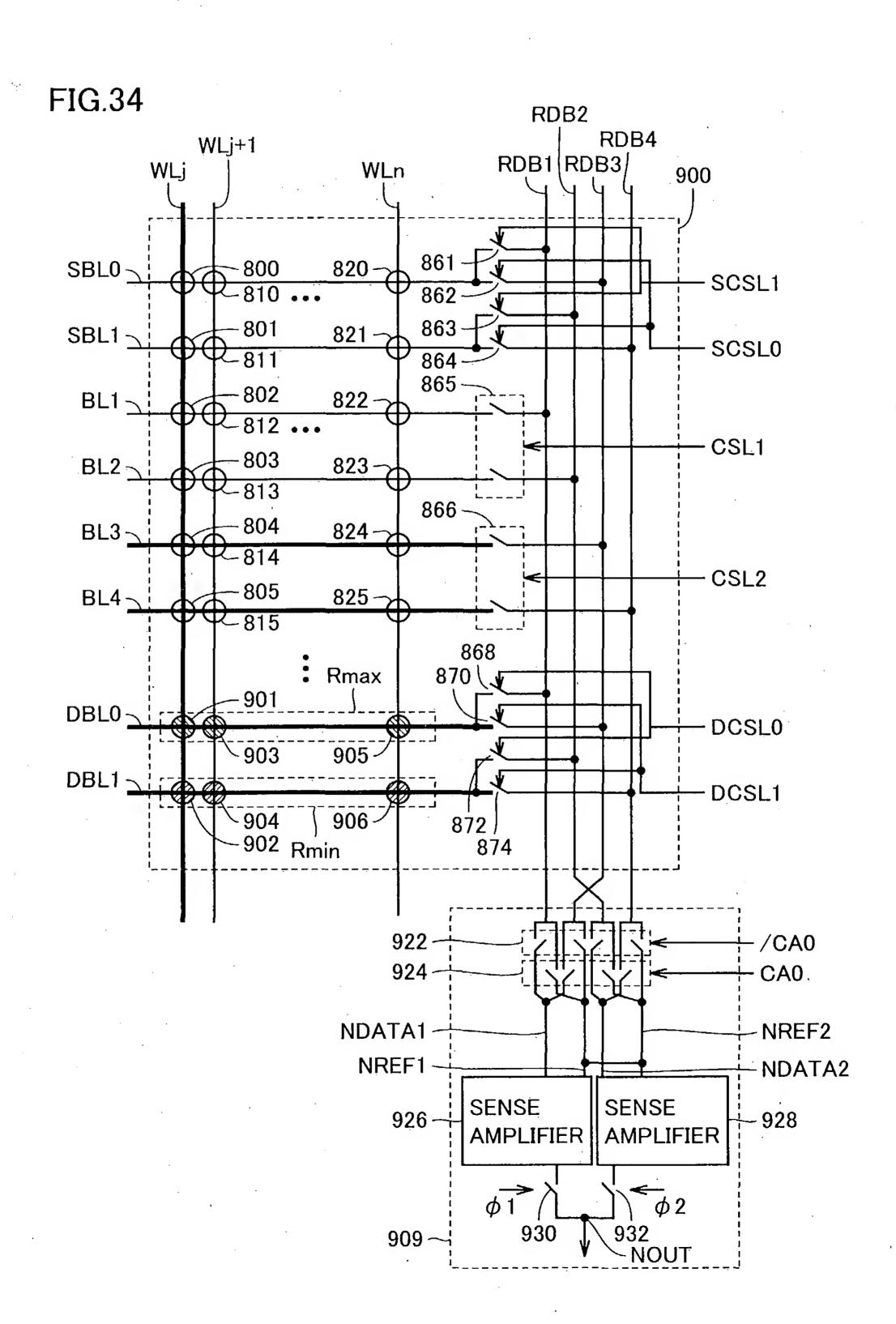


TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471 SHEET 31 of 34



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

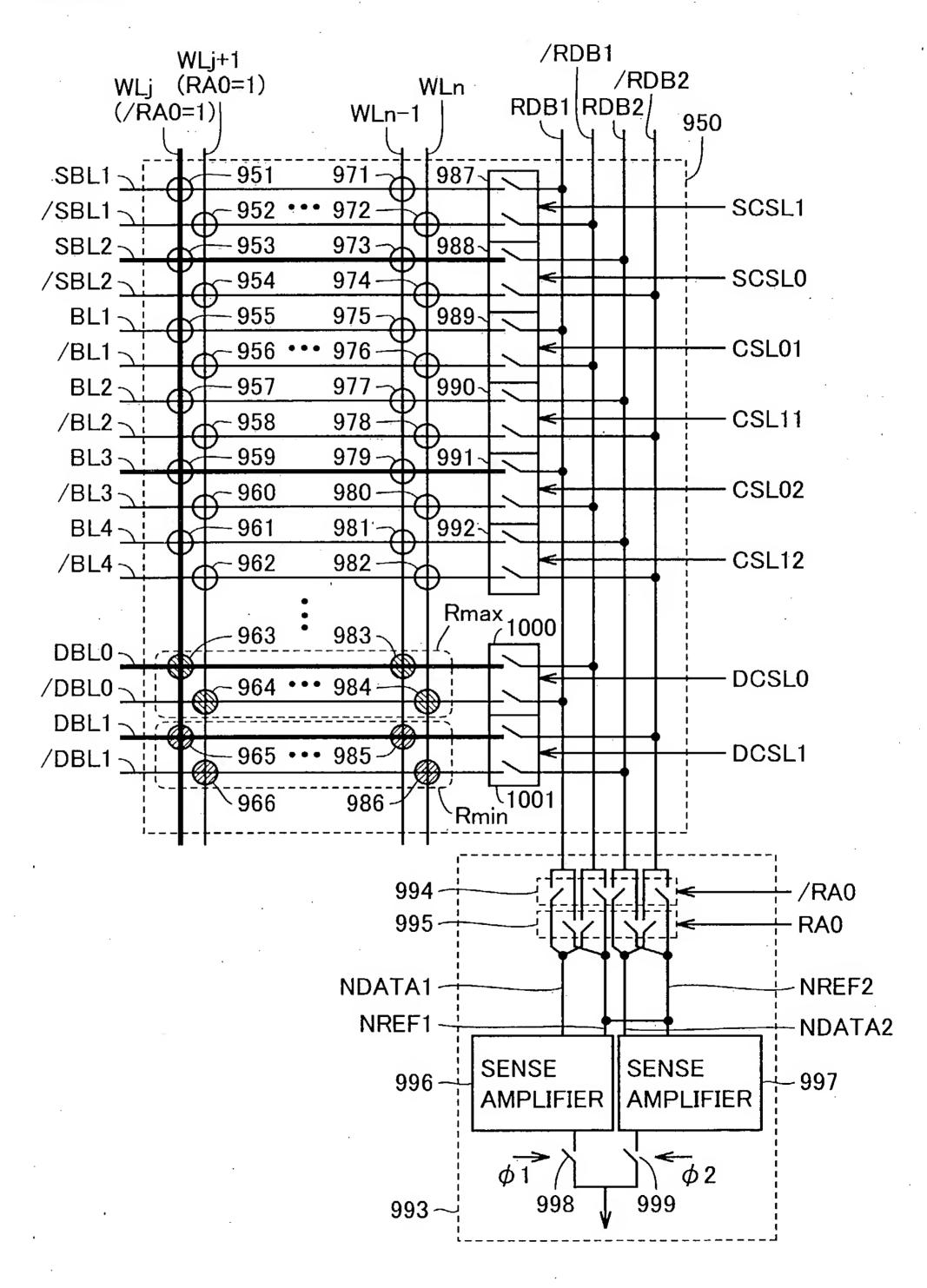
HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471

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FIG.35



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

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HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471

FIG.36 PRIOR ART

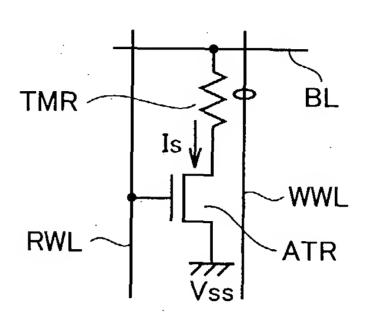
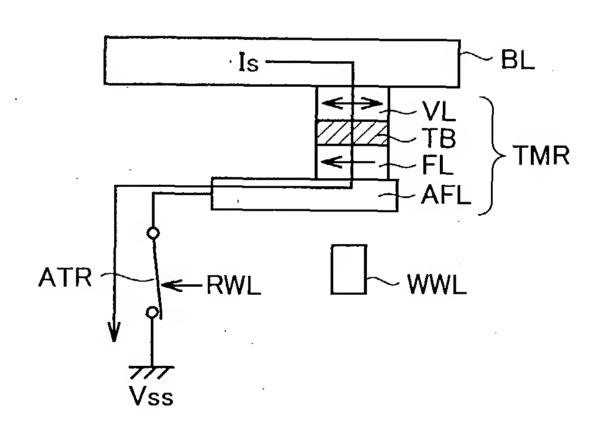


FIG.37 PRIOR ART



TITLE: MEMORY DEVICE CAPABLE OF PERFORMING

HIGH SPEED READING WHILE REALIZING...

INVENTOR(S): HIDETO HIDAKA

ATTORNEY DOCKET No: 009683-471 SHEET 34 of 34

FIG.38 PRIOR ART

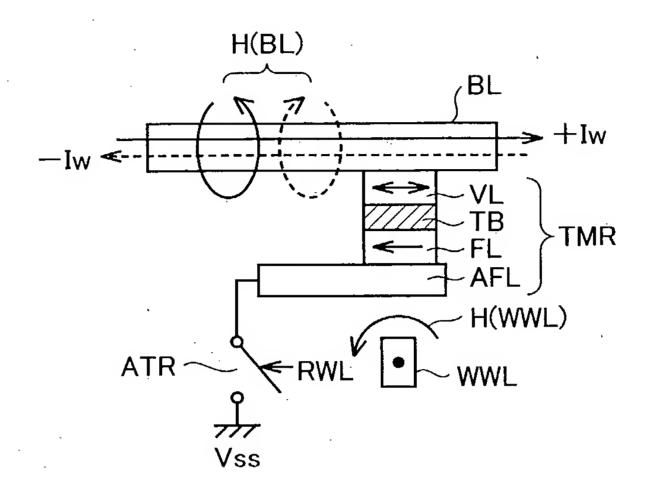


FIG.39 PRIOR ART

